

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 13700-0225

As a below named inventor, I hereby declare that:

NTT-103

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PRECODING CIRCUIT AND PRECODING-MULTIPLEXING CIRCUIT FOR REALIZING VERY HIGH, the specification of which

is attached hereto. TRANSMISSION RATE IN OPTICAL FIBER COMMUNICATION

was filed on _____ as application Serial No. _____ (if applicable) and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. *I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).* I further understand that information is "material" where there is a substantial likelihood that a reasonable patent examiner would consider the information important in deciding whether to allow the application to issue as a patent.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of my foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

<u>Country</u>	<u>App. No.</u>	<u>Date of Filing</u>	<u>Priority Claimed Under 35 USC §119</u>
Japan	P 11-26408	February 3, 1999	Yes <input checked="" type="checkbox"/> No _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from Miyoshi & Miyoshi, as to any action to be taken in the Patent and Trademark Office regarding this application, without direct communication between the U.S. attorney and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney named herein will be notified by the undersigned.

POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Anthony B. Askew - 24,154; Roger T. Frost - 22,176; Jeffrey E. Young - 28,490; Robert E. Richards - 29,105; John R. Harris - 30,388; Stephen M. Schaetzel - 31,418; Larry A. Roberts - 31,871; Thomas A. Hodge, - 22,602; Charles L. Warner II - 32,320; Gregory T. Gronholm - 32,415; Dale Lischer - 28,438; Peter G. Pappas - 33,205; James Dean Johnson - 31,771; Nôra M. Tocups - 35,717; W. Scott Petty - 35,645; Daniel J. Warren - 34,272; Hubert J. Barnhardt III - 36,739; Virginia L. Carron - 37,110; Leona G. Young - 37,266; Jamie L. Greene - 32,467; William A. Hartselle - 36,548; Holmes J. Hawkins III - 38,913; Mary Anthony Merchant - 39,771; Michael J. Mehrman - 40,086; William L. Warren - 36,714; Felipe J. Farley - 38,445; F. Leslie Bessenger III - 39,108; James A. Witherspoon - 36,723; Brenda M. Ozaki - 40,339; James D. Withers - 40,376; M. Todd Mitchem - P40,731; Gregory S. Smith - P40,819.

Send correspondence to: **JONES & ASKEW, LLP**
191 Peachtree St., N.E., 37th Fl.
Atlanta, GA 30303-1769

Direct telephone calls (404)818-3700 to:

Roger T. Frost

Full name of solo or first inventor:	Kazushige YONENAGA
Citizenship:	Japan
Residence:	2-1-3-1-303, Hayashi, Yokosuka-shi, Kanagawa-ken, Japan
Post Office Address:	C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419 Japan
Inventor's signature	Hayashige Yonenaga
Date: January 26, 2000	

Additional inventors are being named on separately numbered sheets attached hereto.

/77-103

Full name of second joint inventor, if any:	Mikio YONEYAMA
Citizenship:	Japan
Residence:	861-1-5-302, Ishida, Isehara-shi, Kanagawa-ken, Japan
Post Office Address:	C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419 Japan
Inventor's signature	<i>Mikio Yoneyama</i>
Date:	January 26, 2000

Full name of third joint inventor, if any:	Koichi MURATA
Citizenship:	Japan
Residence:	2-3-401, Gurin-haitu, Yokosuka-shi, Kanagawa-ken, Japan
Post Office Address:	C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419 Japan
Inventor's signature	<i>Koichi Murata</i>
Date:	January 26, 2000

Full name of fourth joint inventor, if any:	Yutaka MIYAMOTO
Citizenship:	Japan
Residence:	957-3-205, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa-ken, Japan
Post Office Address:	C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo 163-1419 Japan
Inventor's signature	<i>Yutaka Miyamoto</i>
Date:	January 26, 2000